

10-16-91
12.3.8 v.6

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DATE: Oct 16, 91 NO. OF PAGES (2)
Including Cover Sheet

COMMENTS: ① For your info.
as we discussed.

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TABLE 6

METRO FEES (PER 4-91)

Permit Cost	\$920
Public Notice Fees	\$400 - \$500
Monitoring Fee	Based on Discharge (if required)
"High Strength" Discharge Fee . . .	\$0.108/lb suspended for TSS > 400 ppm solids
Sewerage Fee	\$14/900 CF sewerage
Connection Fee	Obtained by side- sewer contractor licensed in Seattle

Costs to construct facilities to connect to Metro would entail modifying the existing truck wash/overflow areas to pump directly to the 8" Metro line (located between 140 - 250 feet from existing decant areas). Costs depend on adequacy of existing pump/decant system and final piping layout. Without pretreatment, estimated costs are roughly \$30,000 (400 LF pressure pipe, 2 manholes, 80 LF gravity line, connections to sanitary sewer, pump basin modifications).

DISCUSSION

The following table summarizes estimated costs for all three options:

<u>Option</u>	<u>Estimated Construction Cost</u>	<u>+15% Overhead. Contingencies</u>	<u>+10 Legal, Admin. Engineering</u>
Drywell	\$366,000	\$421,000	\$463,100
Connect to 18" City Storm & 8" Metro Combined	\$264,000	\$304,000	\$334,400
Connect to 15 City Storm & 8" Metro Combined	\$289,000	\$332,000	\$365,200

The connection to the 18" storm sewer appears to be the least expensive option in items of up-front cost. Because of the relatively similar costs for both connection options, either alternative may be used, depending on how the location of the 20" D.I.P. can be installed in the vicinity of Stoneway.

The relatively large size of the pressure pipe and the pressure of three pumps in this design can be attributed to the City